

CLAIMS

I CLAIM:

- 5 1. A multi-functional patient detection system comprising:
a housing including
a motion sensor for automatically sensing movement of a patient's body and for
generating a signal indicative of sensed movement of the patient's body,
a wireless transmitter for transmitting a coded identifying signal when the signal
10 indication of sensed movement of the patient's body is generated by the motion
sensor, and
a power supply for powering the motion sensor and the wireless transmitter, and
a receiving station for receiving the coded identifying signal from the wireless transmitter.
- 15 2. The multi-functional patient detection system as claimed in claim 1, wherein the
receiving station includes at least one of a nursing station patient monitoring display and a dedicated
nurse receiver display.
- 20 3. The multi-functional patient detection system as claimed in claim 2, wherein the nursing
station patient monitoring display and the dedicated nurse receiver display include patient
identifying indicia.

4. The multi-functional patient detection system as claimed in claim 3, wherein the patient identifying indicia include an indication of the nature of generation of the coded identifying signal.

5. The multi-functional patient detection system as claimed in claim 1, wherein the coded identifying signal is indicative of one of impending patient movement and a patient initiated nurse call.

6. The multi-functional patient detection system as claimed in claim 1, wherein the coded identifying signal is indicative of movement of a patient's body to an angle of 85°-90° from the horizontal.

7. The multi-functional patient detection system as claimed in claim 1, wherein the coded identifying signal is indicative of rolling over of a patient's body.

8. The multi-functional patient detection system as claimed in claim 1, wherein a manually actuated call button is included in the housing and connected to the wireless transmitter for generating a second coded identifying signal different from the coded identifying signal indicative of patient movement, the second coded identifying signal is indicative of a need for patient comfort care.

9. The multi-functional patient detection system as claimed in claim 8, wherein the receiving station includes at least one of a nursing station patient monitoring display and a dedicated nurse receiver display.

5 10. The multi-functional patient detection system as claimed in claim 9, wherein the coded identifying signal is indicative of one of impending patient movement and a patient initiated nurse call.

11. A patient alert system comprising:

10 a housing including

a motion sensor for automatically sensing when a patient's body is 85°-90° from the horizontal and for generating a signal indicative of sensed movement of the patient's body,

15 a call button for manual operation by a patient when comfort care is desired and for generating a signal when the call button is actuated,

a wireless transmitter for transmitting a coded identifying signal when the signal generated by the motion sensor is received and when the signal generated by the call button is received, and

20 a power supply for powering the motion sensor, the call button and the wireless transmitter, and

a receiving station for receiving the coded identifying signal from the wireless transmitter.

12. The patient alert system as claimed in claim 11, wherein the receiving station includes at least one of a nursing station patient monitoring display and a dedicated nurse receiver display.

13. The patient alert system as claimed in claim 12, wherein the nursing station patient
5 monitoring display and the dedicated nurse receiver display include patient identifying indicia.

14. The patient alert system as claimed in claim 13, wherein the patient identifying indicia include an indication of the nature of generation of the coded identifying signal.